

# [METHOD OF STATE MAINTENANCE FOR MMC FLASH STORAGE CARD IN COMMUNICATION PROTOCOL]

## Abstract

A method of state maintenance for a MMC system. The method includes using a plurality of signals, including a working voltage signal, a low voltage detection (LVD) signal, an LVD interrupt signal, a firmware polling signal, an LVD interrupt reset signal. The LVD signal responds to a voltage level of the working voltage at a preset voltage level. The LVD interrupt signal responds to the level of the LVD signal. After the LVD signal returns to the high level state and the firmware polling signal does the polling action to the LVD interrupt signal, then the LVD interrupt reset signal is issued to reset the LVD interrupt signal.